

FILE NOTATIONS

Entered in NED File

Entered On S R Sheet

Location Map Filled

Card Indexed

IWR for State or Fee Land

Checked by Chief

Copy NED to FWH Office

Approval Letter

Disapproval Letter

COMPLETION DATA:

Date Well Completed 8-9-52

OW _____ WW _____ TA _____

GW _____ OS _____ PA ☒

Location Inspected

Bond released
State of Fee Land

LOGS FILED

Driller's Log _____

Electric Logs (No.) 2

E ☒ E-I _____ GR _____ GR-N _____ Micro ☒

Lat _____ Mi-L _____ Sonic _____ Others _____

Subsequent Report of Management

FILE NOTATIONS

Entered in NID File

Entered On S R Sheet

Location Map Pinned

Card Indexed

JWR for State or Fee Land

Prior Office

Checked by Chief

Copy NID to Field Office

Approval Letter

Disapproval Letter

COMPLETION DATA:

Date Well Completed *8-7-52*

OW _____ WW _____ TA _____

GW _____ OS _____ PA ☒

Location Inspected

Bond released

State of Fee Land

LOGS FILED

Driller's Log _____

Electric Logs (No. *1*) *2*

E ☒ I ☒ E-I _____ GR _____ GR-N _____ Micro ☒

Lat _____ Mi-L _____ Sonic _____ Others _____

Pacific Western Oil Corporation
Gordon Creek Field
#2 UNIT

2082' South & 660' East of
NW Corner Sec.18-T.14S.-R.8E.
Carbon County, Utah

Elevation: 7684' Gr.
7693' K.B.

Spud: 5/1/52
Completed: 8/3/52

Casing: 13 3/8" @222' w/160 sacks

Total Depth: 4738'

SAMPLE DESCRIPTION

1600	1620	Sandstone - fine to med. grained, grey, S & P type, hard quartzose w/black chert grains, calcareous cement. Little porosity.
1620	1630	Shale - very sandy, grey calc., hard.
1630	1660	Sandstone - fine to med. grained, grey, S & P, slightly porous, calc.
1660	1680	Shale & Siltstone - grey, sandy, very calc. w/siltstone streaks.
1680	1695	Sandstone & Siltstone - fine grained, grey, hard, S & P type.
1695	1705	Shale - grey, sandy, soft, calc., slightly bentonitic.
1705	1750	Sandstone - fine to med. grained, grey, S & P, calc., slightly porous.
1750	1810	Sandstone & Shale - fine grey calc., grey, soft.
1810	1830	Sandstone - fine to med. grained, grey, calc., S & P, hard and sharp. Slightly carbonaceous.
1830	1870	Sandstone - as above w/buff and reddish brown sand stringers, somewhat argillaceous and containing carbonaceous streaks.
1870	1900	Shale - grey, very sandy, calc., carbonaceous and argill. w/stringers of fine grained grey sandstone and siltstone.
1900	2000	Samples missing.
2000	2100	Shale - grey, sandy to silty, calc., slightly carb. w/occasional thin stringers of fine grained grey calc. S & P sandstone.
2100	2150	Shale - grey, soft, silty, calc., argill. Silty w/much grey soft micaceous bentonite.
2200	2300	Shale - dark to light grey, very calc., silty to sandy, hard and slightly carbonaceous.
2300	2350	Shale - as above w/thin streaks of fine grained grey S & P sandstone.
2350	2400	Shale - as above, less sandy w/streaks of grey soft bent.
2400	2450	Shale - grey, silty to sandy, calc., soft, w/thin interbedded streaks of grey siltstone.
2450	2460	Sandstone - fine grained, grey, calc., S & P, hard, poor porosity.
2460	2500	Shale - grey, silty, calc., argill., soft.
2500	2510	Shale - grey, argill. and bentonite, grey, micaceous.
2510	2600	Shale - grey, sandy, calc, fissile w/streaks of fine gr. grey, S & P, calc., soft sandstone interbedded.

2600	2620	Shale & Claystone - soft, waxy, silty, non-calc. w/thin strks of grey bentonite.
2620	2695	Shale - dark grey, calc., silty to sandy, soft w/thin streaks of grey, S & P Sandstone and Siltstone.
2695	2700	Bentonite - light grey, micaceous, soft, slightly silty.
2700	2830	Shale - dark to light grey, calc, very sandy to silty w/ calc. S & P siltstone streaks becoming less sandy.
2830	2860	Shale & Clay - grey, silty, micaceous, waxy, non-calc. bentonitic w/thin bentonite streaks.
2860	3000	Shale - dark grey silty to very sandy calc., hard w/much thin bedded fine grained grey S & P calc. sandstone strks.
3000	3160	Shale - grey to dk. grey, soft, slightly bentonitic, sl. calc., silty, fissile, pyritic w/thin grey siltstone strks.
3160	3250	Shale - dark to light grey, silty to very sandy, hard, calc. w/much fine grained grey calc. sandstone and hard siltstone.
3250	3255	Bentonite - grey, soft, micaceous, w/grey bentonitic sh.
3255	3410	Shale - dark to light grey calc., silty to sandy, soft to hard, fissile w/interbedded grey fine grained S & P sandstone streaks.
3410	3425	Shale - grey, soft, bentonitic w/some waxy grey clay.
3425	3600	Shale - black to dark grey sandy to silty calc. w/thin streaks of fine grained grey calc.
3600	3640	Shale - as above, becoming increasingly more sandy.
3640	3645	Shale - as above w/a thin streak of grey-green dense finely xln. limestone.
3645	3660	Shale - as above w/grey soft bentonite, and pyrites.
3660	3670	Shale - grey, sandy, calc., hard w/interbedded very fine grained grey sandstone streaks and green to brownish grey sandy dense finely xln. limestone.
3670	3675	Shale - as above.

Circulated @ 3675'. Shale and fine grained grey S & P porous sandstone.

3675 3691 As above.

CORE #1 3691-3703', Rec. 12'

3691	3697	Shale - black, very hard, silty to sandy, pyritic, non-calc., fossiliferous w/pelecypod fragments, vertical frac.
3697	3703	Same as above, less sandy, more pyrites.

Circulated @ 3712' for 1 hour - Shale as above, very hard, pyritic, fractured w/vertical fractures bit jumps like hard sand.

3712	3715	Shale - sandy and hard as above.
3715	3720	Shale - as above.
3720	3725	Shale - grey, calc, very sandy and silty.
3725	3730	Shale - as above.
3730	3740	Shale - as above.

TOP FERRON SANDSTONE 3734'

3740 3745 Sandstone - fine to med. gr., dirty grey, calc., argillaceous soft S & P type w/a faint indication of oil stain. Strong fluorescence under the ultra-violet light.

Circulated @ 3746' for 1 hr.

CORE #2 3747-3757', Rec. 10'

3747 3757 Sandstone - fine to med. gr., grey, well cemented, calc. argillaceous, S & P type, bubbling gas from fractures w/ appearance of water, slight stain, strong fluorescence and cut of light oil or distillate w/ether porosity poor, interbedded thin carb. sh. streaks and inclusions. (Top of the core, 3747-48', hard quartzitic grey sandstone slickensides and fractures filled w/calcite veins and carbonate deposits.)

D.S.T. #1 3731-3757'

Packer set @ 3731', tool open 1 hr. 20 min., SI 15 min. Strong blow increasing for 45 min., leveled and remained steady thereafter. Recovered 840' fluid--240' gas cut mud and 600' of highly gas cut slightly brackish water. No natural gas odor, gas may be CO₂. FP 357 psi, SIP 975 psi, HP 1875 psi.

3757 3765 Sandstone - hard, fine grained, grey, calc., argillaceous w/strong fluorescence.

3765 3770 Sandstone - as above, very poor porosity.

3770 3775 Sandstone - as above.

3775 3780 Sandstone - as above.

3780 3785 Sandstone - as above and very sandy shale.

3785 3790 Shale - very sandy calc., carbonaceous, dark grey to black w/soft siltstone and very dirty sandstone, thin coal streaks.

3790 3795 Shale - black, silty, slightly calc., very carbonaceous w/black carb. inclusions.

3795 3800 Sandstone - grey, hard, quartzitic, non-calc., S & P mud grained pyritic.

3800 3805 Sandstone - as above.

3805 3815 Sandstone - white to grey, calc., fine to med. gr., some quartzitic S & P, very light and hard, no porosity, no show.

3815 3820 Sandstone - as above, fine to med. grained, white to light grey rounded to subrounded calc. to somewhat argill., poor to fair porosity but hard and sharp, no show.

3820 3827 Sandstone .

CORE #3 3827-3863', Rec. 33'

3827 3832 Sandstone - med. grained, grey, highly calc. S & P and w/black pyritic gilsonitic streaks, no show.

3832 3840 Shale - black to dark grey, hard, silty, slightly calc. w/black gilsonite streaks somewhat bentonitic and containing inclusions of pyrite.

3840 3845 Shale - dark grey to light grey-green, hard, silty to very sandy, bentonitic, pyritic, non-calc.

3845	3850	Shale - grey to greenish grey, sandy, bentonitic and containing much mud and clay material, non-calc.
3850	3855	Shale - grey, very sandy, hard, non-calc, argillaceous, S & P grading into a hard, argillaceous partly quartzitic sandstone.
3855	3860	Shale & Mudstone - sandy, argillaceous, hard w/the last two feet grey argill. quartzitic hard sandstone w/gilsonite veinlets.
3860	3863	Sandstone - fine grained, grey-green hard quartzitic slightly calc. S & P type, no porosity.

CORE #4 3863-76', Rec. 13'

3863	3866	Sandstone - fine grained, grey argillaceous, quartzitic very hard.
3866	3868	Shale - dark grey to black, sandy to silty, non-calc., argillaceous, hard.
3868	3872	Sandstone - fine grained, grey to dark grey, dirty, argillaceous, carbonaceous, slightly calc., containing thin streaks of carbonaceous and gilsonitic material and carbonized wood fibers, some evidence of gas bubbling from this section of the core. Evidence of faulting and calcite filled fractures throughout.
3872	3876	Clay & Mudstone - black to dark grey, silty, waxy w/black gilsonitic and carbonaceous streaks and a one foot section of grey fine grained hard quartzitic sandstone w/a few networks of calcite filled fractures.

CORE #5 3876-3920', Rec. 40'

3876	3879	Shale - grey-green, very sandy, argillaceous and clayey, hard w/bent. shale streaks, fractured, non-calc.
3879	3880	Sandstone - fine grained, grey-green, hard quartzitic fractured w/calcite veinlets. Slickensides.
3880	3884	Shale - grey-green, very sandy, argillaceous, clayey w/some carbonized wood fibers.
3884	3887	Sandstone - fine grained, grey, hard, qztic., non calc., argillaceous.
3887	3888	Shale - grey, sandy, argillaceous, non-calc.
3888	3890	Shale - dark grey to black sandy, non-calc, argillaceous.
3890	3891	Sandstone - grey, hard, fine grained, argill., clayey.
3891	3892	Shale - black to grey, non. calc., sandy, hard slightly bentonitic.
3892	3894	Shale - light to dark grey, sandy, non-calc., argill., very carb. w/carbonized wood fibers, streaks of coal and black polished bitumite.
3894	3894.5	Sandstone - fine grained, grey, argill., hard, carb.
3894.5-3895		Coal - black, soft w/very black carb. shale.
3895	3897	Shale - black to dark grey, carbonaceous.
3897	3899	Shale - black to grey, very sandy, highly carb., non-calc.
3899	3899.5	Sandstone - fine grained, grey, quartzitic, hard, S & P type, calcite filled fractures. No porosity.

3899.5-3902	Shale - grey, sandy, very argillaceous w/clay cement, hard.
3902 3902.5	Sandstone - grey, fine grained, quartzitic, non-calc., calcite filled fractures, thin streaks of carbonized material, no porosity.
3902.5-3904.5	Shale & Mudstone - very sandy, somewhat carbonaceous.
3904.5-3905	Sandstone - as above, no porosity.
3905 3907	Shale & Mudstone - as above.
3907 3910	Sandstone - grey, fine grained, hard, quartzitic, S & P type, fractured, calcite filled veinlets, non-calc., no porosity.
3910 3912	Shale - black, hard, silty, very carbonaceous.
3912 3920	Shale & Mudstone - shale very sandy, non-calc., grey, argillaceous w/interbedded strks of grey, hard, sandy waxy mudstone.
3920 3927	Shale & Mudstone - as above, some bentonite.

D.S.T. #2 3826-3927'

Open 3 hours, SI 30 minutes, moderate to strong blow throughout the test. Recovered 1230' of fluid, 270' gas cut mud and 960' highly gas cut milky water. Slightly brackish. HP 1890 psi, FP 463 psi, SIP 1030 psi.

Drilled

3930 3935	Shale - sandy, grey, calc.
3935 3939	Sandstone - fine grained, white to grey, non-calc., S & P type, fair porosity, no show.

CORE #6 3939-3976', Rec. 36'

3939 3943	Sandstone - fine gr., grey, non-calc., glauc. w/a thin 2" bed of soft coal. Calcite filled fractures, poor porosity, no show.
3943 3947	Sandstone - brown, fine grained, hard, argillaceous and tight w/interbedded carbonaceous brown shale and coal, fractured.
3947 3957	Sandstone - as above, argillaceous and dolomitic, highly fractured. 3951-52' fractures filled w/light brown, waxy grease and high pour point oil that has a good odor and strong fluorescence w/the ultra-violet light.
3957 3962	Sandstone - white to grey to brown, very hard, slightly calc., quartzitic, no porosity, predominantly grey sandstone. The brown sandstone is very argillaceous, thin strks. of brown to black sandy very carbonaceous hard shale fractured bleeding gas bubbles.
3962 3967	Shale - very sandy, very argillaceous, hard, non-calc., grey-brown and light green fractured, some thin beds of interbedded sandy mudstone and grey quartzitic sandstone.
3967 3972	Shale - grey and brown, very sandy, non-calc., hard w/ calcite filled fractures.
3972 3976	Shale - brown and grey, very argillaceous, very sandy w/a one foot argillaceous, grey quartzitic sandstone and brown sandy hard mudstone.

CORE #7 3975-4027', Rec. 50'

Sample Description

- 6 -

Gordon Creek #2

3975	3980	Sandstone - green-grey and brown, fine grained, hard, quartzitic, non-calc., somewhat argillaceous especially the brown sandstone, highly fractured with vertical fractures as long as ten feet. No porosity.
3980	3982	Sandstone - fine grained, brown quartzitic, very hard fracture, non-calc., no porosity.
3982	3983	Shale - grey & brown, very sandy, hard, slightly calc. w/calcite filled veinlets.
3983	3985	Sandstone - fine grained, grey and brown, hard frac., qtzitic, non-calc., no porosity.
3985	3988	Shale - brown and dark grey, very sandy, argillaceous, slightly carb. fractured.
3988	3989	Sandstone - fine grained, grey, quartzitic, non-calc., very hard fract.
3989	3990	Shale - as above.
3990	3991	Sandstone - brownish, fine grained, non-calc., argill. carbonaceous, no porosity. Filled w/scattered carbonized wood fibers.
3991	3994	Sandstone - white to grey, fine gr., qztic, hard fract., calcite veinlets.
3994	3995	Sandstone - fine grained, brown, non-calc., carbonaceous.
3995	3996	Sandstone - grey to white, very hard and quartzitic, fine grained, shot through w/calcite filled veinlets.
3996	4000	Shale - brown and grey, very sandy, carb., non-calc., argillaceous fract.
4000	4002	Sandstone - fine grained, brown and dark grey, non-calc, argillaceous, very carbonaceous w/inclusions and streaks of lignitic coal and carbonized wood fibers.
4002	4005	Mudstone - green, sandy, hard, waxy..
4005	4006	Shale - green, sandy, argill., hard fract.

Sample Description

Gordon Creek #2

4006	4007	Claystone - green sandy bentonitic soft.
4007	4010	Shale - green and grey, very sandy, clayey, hard, fract. scattered throughout w/reddish brown calc. rounded siderite nodules.
4010	4010.5	Shale - green, argill., clayey, very sandy, hard w/red brown calc. siderite nodules.
4010.5-4011		Sandstone - grey, fine gr., quartzite, very hard fract.
4011	4015	Claystone & Shale, very sandy bent., hard fract.
4015	4016	Claystone - green bent., sandy, hard filled w/brown muskovite and biotitic mica.
4016	4017	Sandstone - fine gr., brown to black, very carbonaceous, argill., non calc. w/carbonized wood remains.
4017	4020	Shale - brown and grey, non-calc, sandy, argill., hard- slightly carb. in spots.
4020	4022	Shale - dark grey, bentonitic, sandy, non-calc, very micaceous.
4022	4027	Sandstone - greenish grey to brown, very hard, fine gr. quartzitic fract. scattered throughout one small red brown sand or siderite nodules.

D.S.T. #3 3943-4027

Tool open 1 hr., SI 20 min., very light blow for 10 min., then died. Rec. 169' slightly gas cut mud. FP 0-15 psi, SIP 1000 psi.

4027	4030	Shale & Siltstone - light to dark grey and brown, silty, slightly calc., hard shale w/grey fine grained quartzitic hard sandstone and carb. siltstone w/brown siderite nodules.
4030	4032	Siltstone & Shale - grey to white, hard quartzitic silt, black and grey carb. sandy hard shale, some brown sandy shale.
4032	4034	As above.
4034	4037	Shale & Sandstone - grey, fine grained, quartzitic, carb.

CORE #8 4037-54', Rec. 17'

4037	4038	Sandstone - fine gr., grey quartzitic, very hard fractured w/thin streaks of black carb. shale.
4038	4043	Shale - black, carb. sandy to silty, slightly calc., very hard w/thin streaks of hard grey fine gr. quartzitic calc. sandstone fossil wood fibers and leaf impressions.
4043	4047	Shale - black to grey, very sandy, hard, calc w/a 6" streak of light grey bentonite.
4047	4054	Sandstone - fine grained grey slightly porous clean highly fractured w/calcite filled veinlets, thin microscopic coal streaks.

D.S.T. #4 3938-4054'

0 Open 3 hours, SI 30 min., recovered 360' of highly gas cut mud. FP 50 psi, SIP 1200 psi.

CORE #9 4054-4102', Rec. 43'

4054	4057	Sandstone - fine gr., grey hard slightly calc., and porous w/coal and carb. shale streaks.
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4057	4062	Shale & Mudstone - brown to black sandy shale. Calcite filled fractures and some slickensides, mudstone grey soft bentonitic.
4062	4070	Mudstone - some shale, dark grey, sandy, soft and bentonitic.
4070	4073	Shale - dark grey to brownish, sandy, very argillaceous, hard, bentonitic.
4073	4080	Sandstone - fine grained, grey, hard fractures, S & P type, calc w/6" of carb. shale.
4080	4085	Shale - dark grey to brownish, carb., sandy, hard, w/6" of brown carb. sandstone.
4085	4086	Sandstone - fine grained, grey, carb., calc., hard and tight.
4086	4090	Shale - dark grey to brown, sandy, very carbonaceous, gilsonitic.
4090	4094	Coal & highly carb. Shale - black to brown, soft, filled with carbonized wood fibers.
4094	4102	Sandstone - fine grained to med. grained, grey to brown, S & P type. Non-calc., hard fractured clean. 4094-96' - brown sandstone with a brown oil stain that does not fluoresce in the sample but gives a slight cut with ether.

CORE #10 4102-4134', Rec. 31'

4102	4110	Sandstone - fine grained, grey, S & P, slightly calc., hard, shattered w/poor to fair porosity. Dip 23°
4110	4115	Sandstone - as above, calc., less fracture, poor porosity.
4115	4120	Sandstone - as above, filled w/small fracture and carb. streaks, fract. filled with calcite inclusions, fossiliferous, poor to fair porosity.
4120	4125	Sandstone - as above, poor to fair porosity.
4125	4127	Sandstone - as above.
4127	4128.5	Shale - black, very sandy, hard, carbonaceous, slightly calc, w/fine grained sandstone streaks.
4128.5	4129	Sandstone
4129	4130	Shale - as above.
4130	4134	Sandstone - fine grained grey calc. S & P, very hard fract., poor to no porosity.

D.S.T. #5 4060-4134'

Tool open 3 hr., SI 30 minutes, immediate strong blow, continued throughout the test dying to a small blow at end of test. Recovered 2123' mud, no water or gas. FP 1400 psi, SIP 1400 psi.

D.S.T. #6 4060-4134'

Tool open 10 hours, SI 1 hour, recovered 1300' mud, no gas or water. FP 1300 psi. SIP 1300 psi.

4135	4150	Sandstone - grey-white, rounded grains, tight to slightly porous.
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4150	4160	Grey-buff sandstone, very fine grained to coarse grained, somewhat calcareous, <u>some w/dead brown stain.</u>
4160	4170	Mostly grey qtz. type hard tight sandstone, <u>some w/light brown spotted stain.</u>
4170	4180	Buff dense f. xln. limestone w/some grey-black carbonaceous shale.
4180	4190	Some hard tight calcareous shale and sandy shale w/tight hard brown shale streaks.
4190	4200	Streaks grey-buff f. xln. limestone, some brown shaley sandstone.
4200	4210	Brown silty shale and black fissile shale.
4210	4220	As above.
4220	4230	Some grey hard very fine grained tight calcareous sandstone.
4230	4240	Concentration grey-brown sandy shale and buff fine grained very slightly porous sand.
4240	4250	Fair concentration fine grained to med. grained, hard, tight qtz. type sandstone strks.
4250	4270	Trace hard brown silty shale, some hard grey qtzitic type sandstone strks.
4270	4280	Trace grey-buff f. xln. limestone.
4280	4300	Grey, fissile shale and grey-black sandy shale.
4300	4330	Trace gr-buff f. xln. limestone and tight grey fine grained sandstone w/grey blocky sandy shale and grey fissile shale.
4330	4400	Trace fine grained grey-buff slightly porous sandstone streaks, islands in grey fissile shale which are in part bentonitic.
4400	4440	Grey-black fissile shale w/trace of pyrite, grey blocky sandy shale on increase.
4440	4472	Grey fissile bentonitic shale.

CORE #11 4472-4480', Rec. 8'.

8' grey black fissile shale.

4480	4562	Grey-black fissile shale w/grey gritty blocky shale, many bentonite streaks.
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TOP DAKOTA 4562'

4562	4564	Grey, fine grained, hard, non-porous, qtzitic type sand.
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CORE #12 4564-4592', Rec. 28'5' - grey fine grained, tight, hard, qtzitic type sand, sub-angular to sub-rounded grains, no shows.

2' - as above, w/abundant calcareous shells.

5' - very fine grained buff sandstone, fossiliferous w/calcite inclusions to thin shale laminae.

1' - fine grained, light brown stained sand, very slightly porous, sand grains sub-rounded no odor, fluorescence or cut in ether. The sand is interbedded w/thin shale laminae.

- 2' - fine grained grey tight calcareous sand w/very light brown stain, no odor or fluorescence or cut in ether.
- 2' - grey-white anhydrite streaks interbedded w/fine grained grey tight sand, qtzitic character grains fused into solid matrix.
- 2' - fine grained grey tight calcareous sand w/no apparent porosity.
- 6' - same w/grey shale laminae.
- 2½' - grey fissile shale interbedded w/thin streaks of buff, very fine grained tight sand.
- ½' - very fine grained tight grey sand w/thin grey shale laminae.

CORE #13 4592½-4617', Rec. 24½'

- 5' - fine grained to med. grained buff slightly porous to fairly porous sand, some bubbles escaping along fractures, streaks of grey shale throughout. No fluorescence or cut in ether.
- 2' - buff med. grained tight sand w/fossils with streaks of shale. No fluorescence or cut in ether.
- 1' - As above, w/variable porosity sand grains, sub-rounded, no fluorescence.
- 3' - buff med. to coarse grained sand, tight w/shale inclusions. No fluorescence.
- 6' - buff med. to coarse grained sand w/variable porosity (tight to good) bubbles on fractures, fossil fragments and scattered shale streaks. No fluorescence or cut in ether.
- 1½' - buff med. grained tight sand w/no shows.
- 4' - buff med. grained tight qtzitic type sand.
- 2' - buff med. grained to coarse grained, fairly porous sand w/streaked fluorescence, no cut in ether.

D.S.T. #7 4570-4617', Rec. 970' fresh water (gassey)

½" bottom hole choke, tool open 2 hrs, fair blow for 2 hours, SI 15 minutes. BHP 1350 psi, FP 500 psi, HP 2200 psi.

CORE #14 4617-4662', Rec. 44'

- 2' - med. grained to coarse grained, buff very porous sand (calcareous) sand grains subrounded.
- 1' - coal and bitumens fused in flame to a rubbery mass - crackly when fresh w/gas.
- 2' - grey limey shale w/thin bitumen seams.
- 3' - fine grained grey sand w/thin shale streaks (limey) shale w/calcite streaks - no shows.
- 3' - grey limey sandy shale.
- 5' - soft, grey limey shale bottom 6" w/thin sand strks.
- 1½' - tight grey sandy limestone w/stain and good odor on vertical fractures. Good fluorescence, green stain, light yellow cut in ether.

- 3½' - soft carbonaceous shale w/bitumens, upper foot bubbling on fresh exposure.
- 2' - tight grey sandy f. xln. ls. w/some green stain on fractures, fair fluorescence.
- 2' - grey tight limey very fine grained sandstone and sandy limestone, no fractures.
- 7' - grey limey sandy shale streaks w/fossils (pelecypods).
- 1' - grey fossiliferous shale (pelecypods)
- ½' - bitumens crackling and bubbling when fresh.
- 10½' - grey hard dolomitic shale, many vertical fractures.

D.S.T. #8 4619-4662'

½" choke on bottom, tool open 2 hrs. 5 min., SI 15 min.
 Rec. 660' gassy water. FP 350#, BHP 1350#, HP 2300#.

CORE #15 4662-4704', Rec. 42'

- 1' - grey sandy shale (hard and compact.)
- 2' - grey-green siltstone.
- 7' - grey-green sub fissile shale.
- 1' - grey-green hard silty shale.
- 4' - compact grey-green shale.
- 1' - grey f. xln. tight limestone.
- 3' - grey, fairly soft limey shale.
- 2' - grey-buff very fine grained dolomitic sandstone. no porosity.
- 1' - grey-green hard calcareous shale.
- 2' - grey-green sand f. xln. ls.
- 1' - fairly soft purple shale.
- 4' very soft and greatly fractured grey-green shale.
- 1' - As above, harder.
- 4' - streaked grey-green fairly soft shale.
- 2' - grey-green very fine grained dolomitic sandstone w/vertical fractures, brown stain in vertical fractures, white fluorescence, very light yellow cut in other.
- 1' - grey-green hard shale.
- 4' - very fine grained tight fractured lmy sand w/ calcite stringers.
- 1' - grey sandy hard shale.

Lost Circulation @ 4704'
 Tested Lost Circulation

D.S.T. #9 4640-4704

Tool plugged. Reran Test:

(DST #9)

$\frac{1}{2}$ " bottom hole choke, tool open 4 hrs. w/light blow throughout, SI 30 minutes, recovered 60^o mud. No pressures recorded.

CORE #16 4704-4720', Rec. 16'

- 2 $\frac{1}{2}$ ' - very fine grained tight in part, calcareous grey-green sandstone qtz. type, no porosity, vertical fractures.
- 7 $\frac{1}{2}$ ' - grey-green soft to hard shale in part lmy and sdy.
- 2' - grey-green very hard siltstone.
- 4' - grey-green very lmy hard shale w/many vertical fractures.

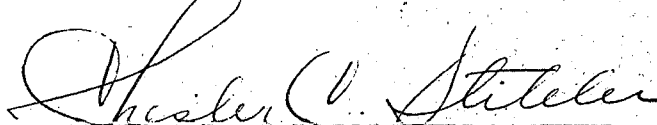
CORE #17 4720-4738 $\frac{1}{2}$ ', Rec. 16'


- 5' - grey-green very hard lmy sandy fractured shale.
- 2' - very lmy compact fractured grey-green very fine grained sandstone.
- 6' - softer very lmy grey-green shale.
- 1' - grey-green compact non-lmy shale.
- 2' - very fine grained lmy hard tight sand.

Ran Electric Log @ 4738 $\frac{1}{2}$
Schlumberger to 4694'
Microlog to 4694'.

Well temporarily abandoned 8/3/52. Hole filled with mud and well capped.

Samples examined by:


Chester C. Stiteler


John C. Bousfield

8/11/52

April 22, 1963

Skelly Oil Company
Box 840
Casper, Wyoming

Attention: J. A. Deffeyes, Dist. Supt.

Gentlemen:

Upon checking the U. S. Geological Survey Form 9-329, "Lessee's Monthly Report of Operations", we note that you are reporting status for the Gordon Creek Unit Well No. 1, SE NE of Section 24, T. 14 S, R. 7 E., Well No. 2, SW NE of Section 18, T. 14 S, R. 8 E., and Well No. 3, NE NW of Section 19, T. 14 S, R. 8 E., Carbon County, Utah, which were drilled by Pacific Western Oil Corporation.

Would you please advise us if you have taken over operations of these wells or if we should leave our records under the name of Pacific Western Oil Corporation.

Your kind assistance in this matter will be greatly appreciated.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLARELLA N. PECK
RECORDS CLERK

cnp



SKELLY OIL COMPANY

Casper, Wyoming

April 26, 1963

State of Utah
Oil and Gas Conservation Commission
310 Newhouse Bldg., 10 Exchange Place
Salt Lake City 11, Utah

Attention: Clarella N. Peck, Records Clerk

Gentlemen:

Referring to your letter of April 22, 1963, regarding our operating the Gordon Creek Unit wells in Carbon County, Utah, effective November 1, 1955, Pacific Western Oil Corporation relinquished the operation of the unit to Skelly Oil Company.

By our letter of April 25, 1956, we furnished you with a copy of the "Designation of Successor Unit Operator", designating Skelly Oil Company as Unit Operator, Gordon Creek Unit Area, Counties of Carbon and Emery, State of Utah.

If more information is needed in this matter, let us know.

Very truly yours,

SKELLY OIL COMPANY


J. A. Derfeyes
District Superintendent

HWA/vc

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.

LAND OFFICE Salt Lake City
LEASE NUMBER USGA 1064221
UNIT Gordon Creek

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Carbon Field Gordon Creek Unit

The following is a correct report of operations and production (including drilling and producing wells) for the month of November, 1963,

Agent's address Box 340 Company SKELLY OIL COMPANY

Casper, Wyoming Signed Original Signed by

Phone 234-1537 Agent's title J. A. DEFFEYES, Dist. Capt.

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SE NE 24	14	7	1							Shut in.
SW NE 18	14	8	2							Suspended.
NE NW 19	14	8	3							Shut in.
NE SW 25	14	7	5							Shut in.

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold;

no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Copy 1h

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R256.5.

LAND OFFICE Salt Lake City
LEASE NUMBER USOA 1064221
UNIT Gordon Creek

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Carbon Field Gordon Creek Unit

The following is a correct report of operations and production (including drilling and producing wells) for the month of January, 1964,

Agent's address Box 840 Company SKELLY OIL COMPANY
Casper, Wyoming Signed J. A. DEFFEYES

Phone 234-1537 Agent's title J. A. Deffeyes, Dist. Supt.

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
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no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Copy of

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 41-2364-5.
LAND OFFICE **Salt Lake City**
LEASE NUMBER **WASA 1044221**
UNIT **Gordon Creek**

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Carbon Field Gordon Creek Unit

The following is a correct report of operations and production (including drilling and producing wells) for the month of April, 1964,

Agent's address Box 840 Company SEKELY OIL COMPANY

Casper, Wyoming Signed Original Signed by

Phone 234-1537 Agent's title J. A. DUFFEY, Dist. Supt.

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
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NE SW 25	14	7	5							Shut in

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.

LAND OFFICE Salt Lake City
LEASE NUMBER USCA 1064221
UNIT Gordon Creek

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Carbon Field Gordon Creek Unit

The following is a correct report of operations and production (including drilling and producing wells) for the month of May, 1964,

Agent's address Box 840 Company Skelly Oil Company

Casper, Wyoming Signed Original Signed by

Phone 234-1537 Agent's title J. A. Daffeyes, Dist. Supt.

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
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NE NW 19	14	8	3							Shut in
NE SW 25	14	7	5							Shut in

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold;

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City
LEASE NUMBER HBGA 1064221
UNIT Gordon Creek

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Carbon Field Gordon Creek Unit

The following is a correct report of operations and production (including drilling and producing wells) for the month of July, 1954,

Agent's address P. O. Box 840 Company Shelly Oil Company

Casper, Wyoming

Signed Original Signed by

J. A. DEFFEYES

Phone 234-1537 Agent's title J. A. Deffeyes, Dist. Supt.

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SE NE 24	14	7	1							Shut in
SW NE 18	14	8	2							Suspended
NE NW 19	14	8	3							Shut in
SE NE NW 25	14	7	5							Shut in

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form approved.
Budget Bureau No. 42-R356.5.
LAND OFFICE Salt Lake City
LEASE NUMBER USCA 1064221
UNIT Gordon Creek

State Utah County Carbon Field Cordon Creek Unit

Agent's address P. O. Box 846 Company Shelly Oil Company

Casper, Wyoming Signed  J. Edgar Hoover

Phone 234-1537 Agent's title J. A. Deffeyes, Dist. Supt.

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold:

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form approved.
Budget Bureau No. 42-R356.5.
Salt Lake City

LAND OFFICE _____

LEASE NUMBER USGA 1064221

UNIT Gordon Creek

State Utah *County* Carbon *Field* Gordon Creek Unit

Agent's address ----- P. O. Box 840 ----- Company ----- Skelly Oil Company
----- Casper, Wyoming ----- Signed ----- Original Signed by -----

Phone 234-1537 Agent's title J. A. Deffeyes, Dist. Supt.

NOTE.—There were _____ No _____ runs or sales of oil; _____ No _____ M cu. ft. of gas sold;
_____ No _____ runs or sales of gasoline during the month. (Write "no" where applicable.)

U.S. GOVERNMENT PRINTING OFFICE : 1964--O-729-784

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-B356.5.
LAND OFFICE Salt Lake City
LEASE NUMBER USGA 1064221
UNIT Gordon Creek

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Carbon Field Gordon Creek Unit

The following is a correct report of operations and production (including drilling and producing wells) for the month of October, 1964,

Agent's address P. O. Box 840 Company Skelly Oil Company
Casper, Wyoming Signed J. A. Deffeyes

Phone 234-1537 Agent's title J. A. Deffeyes, Dist. Supt.

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (in thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE 24	14	7	1							Shut in.
NE 18	14	8	2							Suspended.
NW 19	14	8	3							Shut in.
SW 25	14	7	5							Shut in.

1025 8-1-1004

There were _____ runs or sales of oil; _____ M cu. ft. of gas.
_____ runs or sales of gasoline during the month. (Write "no" where applicable.)
Signed _____
Special Agent in Charge

$\frac{1}{2} \left(\frac{1}{2} + \frac{1}{2} \right) = \frac{1}{2}$

SEC. ANI.
1/4 OF 1/4

[illegible]

40.

Form 9-329
(January 1950)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved
Bureau of Reclamation No. 42-2001-1
Salt Lake City
LAND OFFICE
LEASE NUMBER
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Carbon Field Gordon Creek Unit
The following is a correct report of operations and production (including drilling and producing wells) for the month of January, 1965,
Agent's address P. O. Box 840 Company Skelly Oil Company
Casper, Wyoming Signed J. A. Daffeyes
Phone 234-1337 Agent's title J. A. Daffeyes, Dist. Supt.

SEC. AND TWP. & R.	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If NONE, SO STATE)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
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SW NE 18	14	8	2							Suspended.
NE NW 19	14	8	3							Shut in.
NE SW 25	14	7	5							Shut in.

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;
No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved
Budget Bureau No. 42 23565.
LAND OFFICE Salt Lake City
LEASE NAME - 990A 1954221
UNIT - Carbon Creek

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Carbon Field Carbon Creek Unit

The following is a correct report of operations and production (including drilling and producing wells) for the month of February 19 55

Agent's address P. O. Box 840 Company Skelly Oil Company
Casper, Wyoming Signed J. A. Deffeyes

Phone 234-1537 Agent's title J. A. Deffeyes, Dist. Supt.

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
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NE NW 19	14	8	3							Shut in.
NE SW 25	14	7	5							Shut in.

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No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-B386.5.

LAND OFFICE Salt Lake City
LEASE NUMBER USGA 1064221
UNIT Gordon Creek

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Carbon Field Gordon Creek Unit

The following is a correct report of operations and production (including drilling and producing wells) for the month of March, 1965,

Agent's address P. O. Box 840 Company Skelly Oil Company
Casper, Wyoming Signed [Signature]
Phone 234-1537 Agent's title J. A. Deffeyes, Dist. Supt.

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SE NE 24	14	7	1							Shut in.
SW NW 18	14	8	2							Suspended. TA
NE NW 19	14	8	3							Shut in.
NE SW 25	14	7	5							Shut in.

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;
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NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Branch of Oil and Gas Operations
8416 Federal Building
Salt Lake City, Utah, 84111

March 24, 1965

Mr. J. A. Deffeyes
Skelly Oil Company
P.O. Box 840
Casper, Wyoming

Dear Mr. Deffeyes:

We are reviewing our files for old suspended wells and note that we still show Gordon Creek (Unit) well 2, C Lot 2 (SW $\frac{1}{4}$ NW $\frac{1}{4}$) sec. 18, T. 14 S., R. 8 E., on State land as suspended and note that you still report it as "suspended".

This well was originally drilled by Pacific Western Oil Corporation to 4738' in 1952 and operations were suspended August 3, 1952. Our records show the well was filled with heavy mud and the surface pipe capped. Apparently, there have been no further operations on the well since this date.

Subsequently, the Gordon Creek (Unit) was contracted and the well is now outside the present unit boundary. We checked with the State and were informally advised that the acreage on which the well is located is presently unleased.

If the well has not been reentered and plugged, you should proceed with plans to properly plug the well if you have no other use for the well. In any event, please notify us as soon as possible what you intend to do with this well.

Sincerely yours,

Rodney A. Smith
Rodney A. Smith,
District Engineer

RECEIVED PROD. DEPT. -
Rocky Mt'n Dist. Office

MAR 25 1965

JAD
3/25/65

P. O. Box 840
Casper, Wyoming

March 26, 1965

File: Gordon Creek Unit
(Morgan "B" No. 2)

Mr. Rodney A. Smith
District Engineer
Geological Survey
8416 Federal Building
Salt Lake City, Utah 84111

Dear Mr. Smith:

Your letter of March 24th regarding the proper plugging of the Gordon Creek Unit No. 2 (Morgan "B" lease) has been forwarded to our Tulsa office for their information.

In the meantime, I am interested in the number of plugs, sacks of cement etc. you will require in the plugging of this well or, if in light thereof, we could convert this well into a water supply well for the local rancher's use. There is an outside chance that it would be an artesian well.

Since it is usually late May or early June before one can get in and out with equipment, we still have several weeks to get our plans hooked up.

Thanks for your letter calling this matter to our attention.

Yours very truly,

SKELLY OIL COMPANY


J. A. Deffeyes
District Superintendent

JAD/jv

N.

gfb

March 31, 1965

Shelly Oil Company
P. O. Box 840
Casper, Wyoming

Attention: Mr. J. A. Daffeyes, Dist. Supt.

Re: Gordon Creek Unit Wells
Carbon County, Utah

Gentlemen:

Upon checking our files we find that we do not have electric and/or radioactivity logs for Well Nos. Gordon Creek Unit #2 and #3. It was also noted that we have very little information on the Gordon Creek Unit #1 well. These wells were drilled prior to the establishment of this Commission, however, we are making an attempt to complete our records on wells that have been drilled in the state.

It would be appreciated if you could forward said information to this office as soon as possible.

Thank you for your assistance in this request.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

KATHY G. WARNER
RECORDS CLERK

kgv



IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Branch of Oil and Gas Operations
8416 Federal Building
Salt Lake City, Utah, 84111

March 31, 1965

Mr. J. A. Deffeyes
Skelly Oil Company
P. O. Box 840
Casper, Wyoming

Dear Mr. Deffeyes:

We appreciate your early reply to our March 24 letter.

We have reviewed the file for your Gordon Creek (Unit) well 2, C Lot 2 (SW1/4) sec. 18, T. 14 S., R. 8 E., on State land and note that the reported water zones are quite deep (3700-4700') and that the hole is cased only to 222'.

We cannot approve of any plan for conversion to a water well unless casing is run and cemented to the top of or through the water sands and the well is plugged back to protect lower formations. We will consider any reasonable proposal which follows these general guidelines.

According to our records, a 9" hole was drilled to 4054' and a 6 1/8" hole from 4054 to total depth. Following is a suggested minimum plugging program worked up from all available data:

1. 4500 - 4600' 20-sack cement plug
2. 3700 - 3800' 40-sack cement plug
3. 180 - 275' 50-sack cement plug
4. Standard dry hole marker w/10-sack cement plug
5. Clean and restore location

If you plan to plug and abandon the well, you should submit a notice of intention to abandon the well outlining the above plugging program or one of your own design for our approval.

Sincerely yours,

Rodney A. Smith
Rodney A. Smith,
District Engineer

RECEIVED PROD. DEPT.
Rocky Mt'n Dist. Office

APR 2 1965

[Handwritten signature]
4/2/65

Handwritten initials

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.
LAND OFFICE Salt Lake City
LEASE NUMBER USDA 1064221
UNIT Gordon Creek

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Carbon Field Gordon Creek Unit

The following is a correct report of operations and production (including drilling and producing wells) for the month of April, 1965,

Agent's address P. O. Box 840 Company Skelly Oil Company

Casper, Wyoming Signed *[Signature]*

Phone 234-1537 Agent's title A. Deffeyes, Dist. Supt.

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SE NE 24	14	7	1							Shut in.
SW NW 18	14	8	2							Suspended. <i>T+A</i>
NE NW 19	14	8	3							Shut in.
NE SW 25	14	7	5							Shut in.

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold;

no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



SKELLY OIL COMPANY

P. O. Box 840
Casper, Wyoming

May 26, 1965

File: Gordon Creek Unit Well No. 2
(Morgan "B" Well No. 1)

Utah Oil and Gas Conservation Commission
348 East South Temple
Suite 301
Salt Lake City, Utah

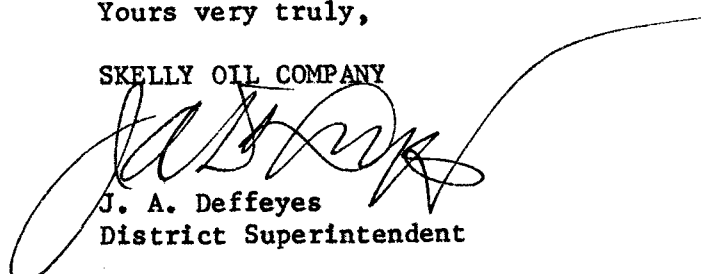
Gentlemen:

Enclosed are copies of correspondence on the Gordon Creek Unit Well No. 2. Please note in Mr. Rodney A. Smith's letter of March 31, 1965, he has suggested a plugging program for this well. We would also like to have your approval of this program before submitting the intention to plug and abandon.

At the present time, we are waiting on our Tulsa Office for their approval.

Yours very truly,

SKELLY OIL COMPANY


J. A. Deffeyes
District Superintendent

HWA/jv

May 28, 1965

Skelly Oil Company
P. O. Box 840
Casper, Wyoming

Attention: Mr. J. A. Deffeyes, District Superintendent

Re: Gordon Creek Unit Well No. 2
(Morgan "B" Well No. 1)

Dear Sir:

With reference to your letter of May 26, 1965, please be advised that this office is in accordance and gives approval to plug the above mentioned well in the manner as outlined by the U. S. Geological Survey's letter of March 31, 1965. Prior to commencing operations, it would be appreciated if you would contact this office so that we may have a member of this Commission present to witness abandonment procedures.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

PAUL W. BURCHELL
CHIEF PETROLEUM ENGINEER

FWB:kgw

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.
LAND OFFICE Salt Lake City
LEASE NUMBER USGA 1064221
UNIT Gordon Creek

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Carbon Field Gordon Creek Unit

The following is a correct report of operations and production (including drilling and producing wells) for the month of May, 1965,

Agent's address P. O. Box 840 Company Skelly Oil Company
Casper, Wyoming Signed [Signature]
Phone 234-1537 Agent's title J. A. Deffeyes, Dist. Supt.

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
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SW NW 18	14	8	2							Suspended.
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NE SE 25	14	7	5							Shut in.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

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Copy
3/10/65
J. A. Deffeyes

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.

LAND OFFICE Salt Lake City
LEASE NUMBER USGA 1064221
UNIT Gordon Creek

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Carbon Field Gordon Creek Unit

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, 1965,

Agent's address P. O. Box 840
Casper, Wyoming

Company Skelly Oil Company

Signed

Phone 234-1537

Agent's title J. A. Deffeyes, Dist. Supt.

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SE NE 24	14	7	1							Shut in.
SW NW 18	14	8	2							Suspended.
NE NW 19	14	8	3							Shut in.
NE SE 25	14	7	5							Shut in.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Orig
+ 3 copies
sch

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 41-R356.5.
LAND OFFICE Salt Lake City
LEASE NUMBER USGA 1064221
UNIT Gordon Creek

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Carbon Field Gordon Creek Unit

The following is a correct report of operations and production (including drilling and producing wells) for the month of July, 1965,

Agent's address P. O. Box 840 Company Skelly Oil Company
Casper, Wyoming

Phone 234-1537 Signed [Signature]
Agent's title J. A. Daffeyes, Dist. Supt.

DATE	WELL	PER.	BARRELS	WATER	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
24	14	7	1							Shut in.
18	14	8	2							Suspended.
19	14	8	3							Shut in.
25	14	7	5							Shut in.

234-1537

Note.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 7-52
January 1965

Branch of Oil and Gas Operations
8416 Federal Building
Salt Lake City, Utah, 84111

August 2, 1965

Mr. J. A. Deffeyes
Skelly Oil Company
P. O. Box 840
Casper, Wyoming

Dear Mr. Deffeyes:

By letter dated March 31, we advised you concerning a minimum plugging program for Gordon Creek (Unit) well 2, C Lot 2 (SW $\frac{1}{4}$ NW $\frac{1}{4}$) sec. 18, T. 14 S., R. 8 E., on State land. Your letter of March 26 to us indicated that Skelly would probably take care of this well as soon as weather permits. To date we have heard nothing further from you on this matter.

Since we are rapidly approaching midsummer, the above well is now probably as accessible as it ever will be. Hence, we would like to see the well plugged this summer if at all possible. As a matter of fact, we are planning a trip into this area in August or September and we would certainly like to make the final inspection of this site at that time.

In any event, please advise us of your plans for the well. If you do plan to plug, you should submit a proposed plugging program for our approval and prior to commencing any work you should notify us.

Sincerely yours,

ACTING DISTRICT ENGINEER

George F. Brown,
Acting District Engineer

cc: Utah O&G Com.
348 East South Temple
Salt Lake City, Utah

P. O. Box 840
Casper, Wyoming

August 3, 1965

File: Gordon Creek Unit #2
(Morgan "B" No. 1)

George T. Brown
Acting District Engineer
U. S. G. S.
8416 Federal Building
Salt Lake City, Utah 84111

Dear Sir:

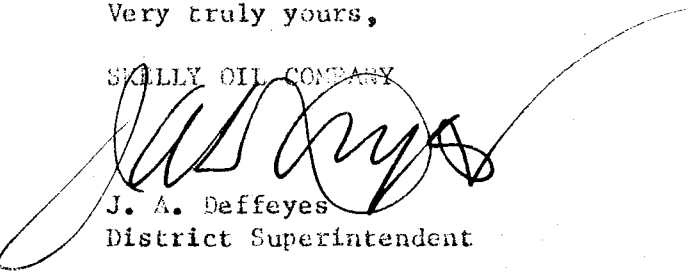
We have received a confirmation on our A.F.E. to plug and abandon Gordon Creek Unit No. 2 and plan to commence active operations prior to September 1st.

I talked with District Ranger Eollo H. Brunson at Castle Dale earlier today about making necessary road repairs prior to sending in a rig.

Our available personnel is zero at the moment due to people on vacation however both you and the forest ranger will be promptly notified when we commence operations.


Very truly yours,

SHELLY OIL COMPANY


J. A. Deffeyes
District Superintendent

JAD/jv

cc: Utah Oil & Gas Comm.
348 East Temple South
Salt Lake City, Utah



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
Salt Lake City
U.S.G.A. 1064221

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Dry Hole		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Skelly Oil Company		8. FARM OR LEASE NAME Gordon Creek Unit	
3. ADDRESS OF OPERATOR P. O. Box 840 Casper, Wyoming		9. WELL NO. 2	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2062' FWL and 660' FWL Section 18-143-8E		10. FIELD AND POOL, OR WILDCAT Gordon Creek	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 18-143-8E		12. COUNTY OR PARISH Carbon	
14. PERMIT NO.		13. STATE Utah	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) DF 7693'.			

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input checked="" type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The lease on which this well is located has been cancelled and it is our intention to plug and abandon it. Our plan is to wash hole to 4600'. Set cement plugs as follows: 4500-4600' - 20 sacks, 3700-3800' - 40 sacks, 180-275' - 50 sacks. A regulation dry hole marked will be set in top of surface casing with a 10 sacks cement plug. Location will be cleaned up.

18. I hereby certify that the foregoing is true and correct

SIGNED J. A. Daffinger TITLE District Superintendent DATE August 9, 1963
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

3cc: Utah Oil & Gas Conservation Commission
348 East South Temple
Suite 301
Salt Lake City, Utah

*See Instructions on Reverse Side

BEST COPY
AVAILABLE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.
OFFICE Salt Lake City
NUMBER USGA 1964221
UNIT Gordon Creek

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Carbon Field Gordon Creek Unit

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 1965.

Agent's address P. O. Box 840 Company Skelly Oil Company

Casper, Wyoming

Signed

Phone 234-1537

Agent's title J. A. Deffeyes, Dist. Supt.

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DAYS Produced	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (If thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SE NE 24	14	7	1							Shut in.
SW NW 18	14	8	2							Suspended.
NE NW 19	14	8	3							Shut in.
NE SE 25	14	7	5							Shut in.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

State Utah County Carbon Field Gordon Creek Unit

The following is a correct report of operations and production (including drilling and producing wells) for the month of October, 1965,

Agent's address P. O. Box 840 Company Skelly Oil Company
Casper, Wyoming Signed [Signature]
Phone 234-1537 Agent's title J. A. Deffeyes, Dist. Supt.

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (in thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SE NE 24	14	7	1							Shut in.
SW NW 18	14	8	2							Plugged and Abandon
NE NW 19	14	8	3							Shut in.
NE SE 25	14	7	5							Shut in.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION TELEGRAM

W. P. MARSHALL, PRESIDENT

SYMBOLS

DL=Day Letter

NL=Night Letter

LT=International
Letter Telegram

SF-1201 (4-60)

The filing time shown in the date line on domestic telegrams is LOCAL TIME at point of origin. Time of receipt is LOCAL TIME at point of destination

1058A PDT OCT 4 65 LA270 KB143

K CMA043 PD CASPER WYO 4 1007A MST

C B FEIGHT, UTAH OIL AND GAS CONSERVATION COMMISSION

348 EAST SOUTH TEMPLE SUITE 301 SALT LAKE CITY UTAH

MORGAN "B" WELL NO. 1 LOCATED SW/4 NW/4 SECTION 18-14S-8E CARBON
COUNTY, UTAH. NOW WASHING DOWN. EXPECT TO PLUG AND ABANDON
IN NEXT 48 HOURS

SKELLY OIL COMPANY J A DEFFEYES

"B" 1 SW/4 NW/4 18-14S-8E 48
(53).

Jordan Creek No 2

Sept 6, 1965

(at Willson - Shelly)

Shelly → Garden #2

(Morgan B #1)

(J. W. Gibson - duty Cook)

Frank - Shelly

Might be
water wet?

T.D. 4735

surface Corrug ≈ 300 ft

surface = Mancos

Emery @ 786 (fractured
→ 650 ft thick)

Shale - lower Mancos 786
Water & gas → PST 900 650
1430

Feen @ 3750

↳ Dakota - 4562 → Water
Producing gas and PST
1300
PST

4565 → ① 4500 -

4600 - base of Feen

② 3700 to 3800 top
of Feen

③ Base of surface pipe
3250 - 275

2622
1436
1189

1200 ft below base
of Emery Oct 9, 1965

~ 2625 ~~2625~~



2640 while I
was on location,



1) hole cased in
and due to lost circulation
can't drill out.

2) Megill get stuck
at any time.

3) (✓) recommend to
USGS to forget
bottom plug up
no reason for it

4) also shale plugging bit
and can't get drilling fluid
through + need hose

524 5650

brake wheel I was
present due to exten-
sive pressure trying to unplug
bit.

Went: broke again
while leaving location
to go & call 256-5

* Recommended to go
a third attempt ~~plus~~ & quick
driving plug 2400 ft
(something that would be lost) → substitute
from 2600 to 2400
~~at~~ other place some
open hole
laminar bridge plug at
400 ft and fill up to
200 ft on pipe
10 sp at surface / marker

* Rod said OK
I called Dee Alf Fays in
Casper and gave him phrasing
program. also, to check back with
Rod and let him
know how drill is doing

Dee Fays
in Casper
234-1537
234-1659

#2

Creek

London

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

5

5. LEASE DESIGNATION AND SERIAL NO.

State

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Gordon Creek Unit

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Gordon Creek

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Section 18-14S-8E

12. COUNTY OR PARISH

Carbon

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER ☒ Dry Hole

2. NAME OF OPERATOR

Skelly Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 840 Casper, Wyoming

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

2082' FNL and 660' FWL
Section 18-14S-8E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

DF 7693'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐PULL OR ALTER CASING ☐FRACTURE TREAT ☐MULTIPLE COMPLETE ☐SHOOT OR ACIDIZE ☐ABANDON* ☐REPAIR WELL ☐CHANGE PLANS ☐(Other) ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐REPAIRING WELL ☐FRACTURE TREATMENT ☐ALTERING CASING ☐SHOOTING OR ACIDIZING ☐ABANDONMENT* ☒(Other) ☐

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Completed rigging up October 3, 1965. Spudded to wash hole down at 4:00 p.m., October 3, 1965.

Lost returns at 1982'. Ran bit to 2611' without returns. Hit bridge at 2611', drilled thru bridge at 2653'. Ran bit to 2670' and hit bridge. Pulled bit.

Ran open end drill pipe to 2670' and set 100 sack plug 2670-2405'. Pulled drill pipe. Pushed 13-3/8" casing plug to 395'. Set 100 sack cement plug 390-250'. Set 15 sack cement plug in top of surface casing and installed dry hole marker. Plugged and Abandoned October 10, 1965.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE District Superintendent

DATE October 12, 1965

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

orig
to
3
Amundt

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 41-2364.5.
LAND OFFICE Salt Lake City
LEASE NUMBER USGA 1064221
UNIT Gordon Creek

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Carbon Field Gordon Creek Unit

The following is a correct report of operations and production (including drilling and producing wells) for the month of November, 19 65

Agent's address P. O. Box 840 Company Kelly Oil Company
Casper, Wyoming Signed [Signature]

Phone 234-1537 Agent's title J. A. Daffeyes, Dist. Supt.

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In standard)	GALLONS OF GASOLINE PRODUCED	BARRELS OF WATER (If measured, or cubic)	REMARKS (If drilling, depth; if shut down, cause; date and amount of test for gasoline content of gas)
SE NE 24	14	7	1							Shut in.
SW NW 18	14	8	2							Plugged and Abandon.
NE NW 19	14	8	3							Shut in.
NE SE 25	14	7	5							Shut in.

Note.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "as" where applicable.)

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